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DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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October 8, 1992

Mr. Wendell Owen
Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528

Dear Mr. Owen:

Re: Diversion Design Revisions, Co-Op Mining Company, Bear Canyon Mine,
ACT/015/025-92G, Folder #2, Emery County, Utah

Upon review of the latest submittal (received September 28, 1992) for diversion design revisions at the Bear Canyon Mine, a number of problems have been discovered. It is unclear as to the origin of the problems and how long they have existed, but it is believed that changes made to various tables may not have been cross checked. Regardless, the Division is anxious to resolve this discrepancy. In order to do so, I have enclosed one copy of the amendment with the most recent pages. Please review this to ensure that the Division is working from the same material(s) as Co-Op Mining Company. In addition, a list has been attached of all the items needing clarification.

This year Co-Op has submitted numerous amendments. Each amendment is often submitted two or three times before approval. During this process, revisions to revisions become confusing and hard to follow. As such, the Division would like to request that when making changes to the text or tables in the PAP, Co-Op use shading to show new information in the text and/or table(s). Where information will be deleted, Co-Op is requested to use a redlining format. By utilizing these techniques, the Division hopes to aid the review process and decrease the time needed to distinguish what changes are being made.

Please submit your complete response by October 29, 1992. If you have any questions, please call me.

Sincerely,

Pamela Grubaugh-Littig
Permit Supervisor

jbe
Enclosure
PGLGHOST.4

7-87	D-8U D-9U D-13U	Avg slope is different than page 7G-47 Min and max slopes are different than page 7G-47 Max slope is different than page 7G-47
7-87a	D-3D D-4D D-7D D-10D	Max slope is different than page 7G-46 Avg Slope is different than page 7G-46 D ₅₀ value is different than page 7G-46 Watershed 2B is shown here, but missing on page 7G-46
7G-51	D-2D	Mannings "n" is different than page 7G-46
7G-54	D-3D	Max slope is different than page 7G-46
7G-56	D-4D	Avg slope is different than page 7-87a
7G-62	D-7D	Mannings "n" is .033, this is different than the value used on 7G-46
7G-63	D-7D	Mannings "n" is .033, this is different than the value used on 7G-46
7G-64	D-7D	Mannings "n" is .033, this is different than the value used on 7G-46
7G-72	D-10aD	Mannings "n" is .03, this is different than the value used on 7G-46
7G-80	D-4U	Mannings "n" is .033, this is different than the value used on 7G-47
7G-81	D-4U	Mannings "n" is .033, this is different than the value used on 7G-47
7G-87	D-7U	Mannings "n" is .033, this is different than the value used on 7G-47
7G-88	D-8U	Avg slope is different than page 7-87 No min and max calculations are presented to support min and max slope values shown on page 7G-47 Side slope values used do not match those tabulated on page 7-87
7G-91	D-9U	Min slope is different than on page 7-87
7G-92	D-9U	Max slope is different than on page 7-87
7G-95	D-10aU	Page needs to be blank
7G-101	D-13U	No calculation is presented to support avg slope value shown on page 7G-47
7G-102	D-13U	Max slope is different than on page 7G-47
7G-103	D-14U	Page needs to be blank
7G-104	D-14U	Page needs to be blank